

Title (en)
PROCESS FOR THE PREPARATION OF N-4- (SUBSTITUTED PHENYL)ALKYLTHIENYL -, AND N-4- (SUBSTITUTED PHENYL)ALKYLFURYL BUT-3-YN-2-YL -N-HYDROXYUREA COMPOUNDS

Title (de)
VERFAHREN ZUR HERSTELLUNG VON N-4-((SUBSTITUIERTES PHENYL) ALKYLTHIENYL)-UND N-4-((SUBSTITUIERTES PHENYL)ALKYLFURYL)-BUT-3-YN-2-YL)-N-HYDROXY HARNSTOFF

Title (fr)
PROCEDE DE PREPARATION DE COMPOSES DE N-4 (PHENYLE SUBSTITUE)ALKYLTHIENYL - ET N-4 (PHENYLE SUBSTITUE)ALKYLFURYL BUT-3-YN-2-YL -N-HYDROXYUREE

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Application
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Priority
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Abstract (en)
[origin: WO9512589A1] A process for preparing a compound of structure (I), where A is oxygen and sulfur and R<1> is selected from the group consisting of hydrogen, halogen, alkyl of one to six carbon atoms, alkoxy of one to six carbon atoms, and trifluoromethyl, and R<2> is alkyl of one to four carbon atoms, comprising coupling a compound of formula (II), where X is bromine or iodine, with an N-hydroxyurea compound of formula (III), in the presence of a palladium catalyst. The compounds of formula (I) are inhibitors of the enzyme 5-lipoxygenase and are thus useful as therapeutic agents for the treatment of allergic and inflammatory disease conditions.

IPC 1-7
C07D 333/20; C07D 307/52

IPC 8 full level
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Citation (search report)
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